

# Leukemia

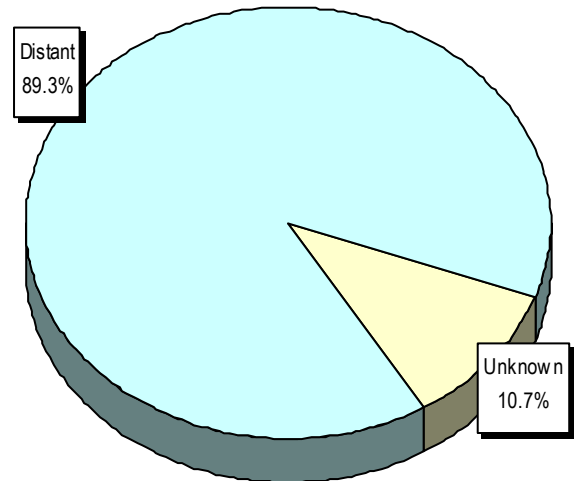
## Incidence and Mortality Summary

	Male	Female	Total
Age-adjusted incidence rate per 100,000	4.7	4.1	4.1
Total # of new cases	13	15	28
# of new invasive cases	11	14	25
# of new in-situ cases	0	0	0
# of deaths	20	18	38

## Total Cases and Deaths by Ward

Ward 1	4	4
Ward 2	1	4
Ward 3	5	8
Ward 4	3	5
Ward 5	7	6
Ward 6	1	3
Ward 7	4	5
Ward 8	3	3
Unknown	-	-

## Stage at Diagnosis



## Risk and Associated Factors

<b>Age</b>	This is the most common form of cancer in children. Incidence usually increases with age in adults. The highest rates occur in persons over age 60.
<b>Gender</b>	Males have a higher incidence than females for chronic myelogenous leukemia (CML), acute lymphoblastic leukemia (ALL), and chronic lymphocytic leukemia (CLL).
<b>Race &amp; SES*</b>	ALL is less common in African Americans, CLL is rare in Asians.
<b>Genetics</b>	Certain congenital defects such as trisomy 21 (Down=s syndrome) and Fanconi ' s anemia increase risk in children to various types of leukemia.
<b>Occupation</b>	Exposure to benzene is known to increase the risk for acute myelogenous leukemia (AML).
<b>Other</b>	Ionizing radiation exposure increases the risk.

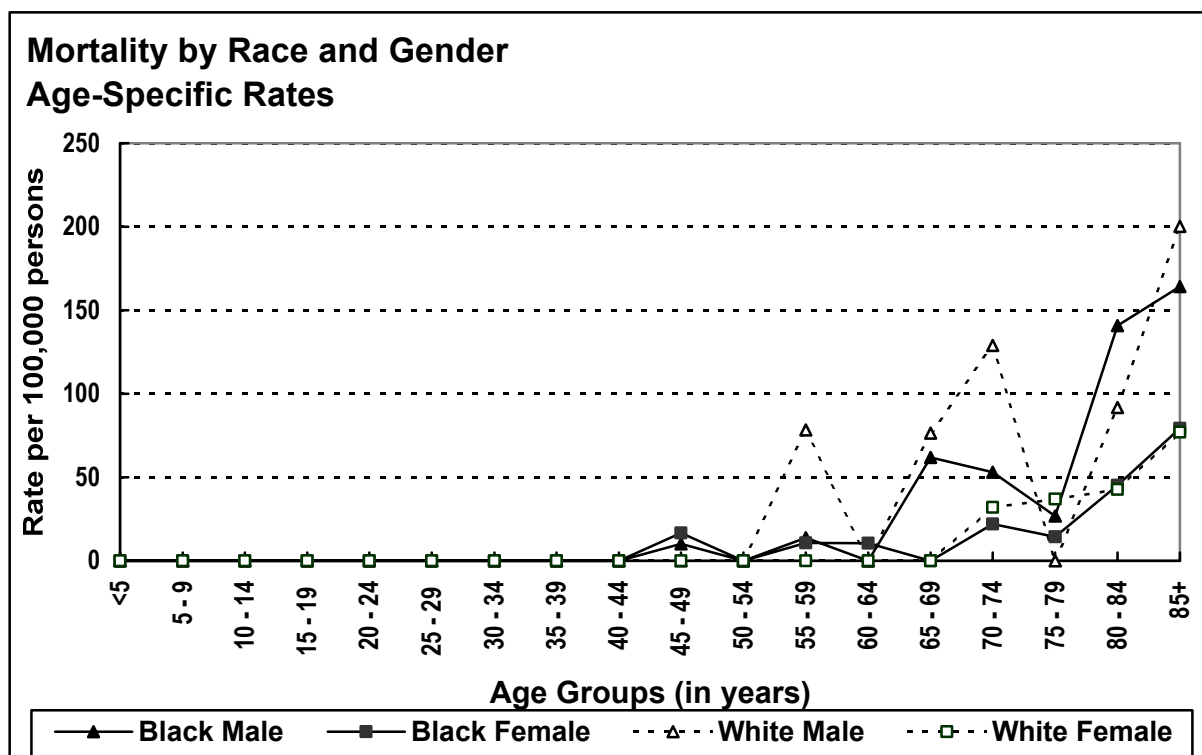
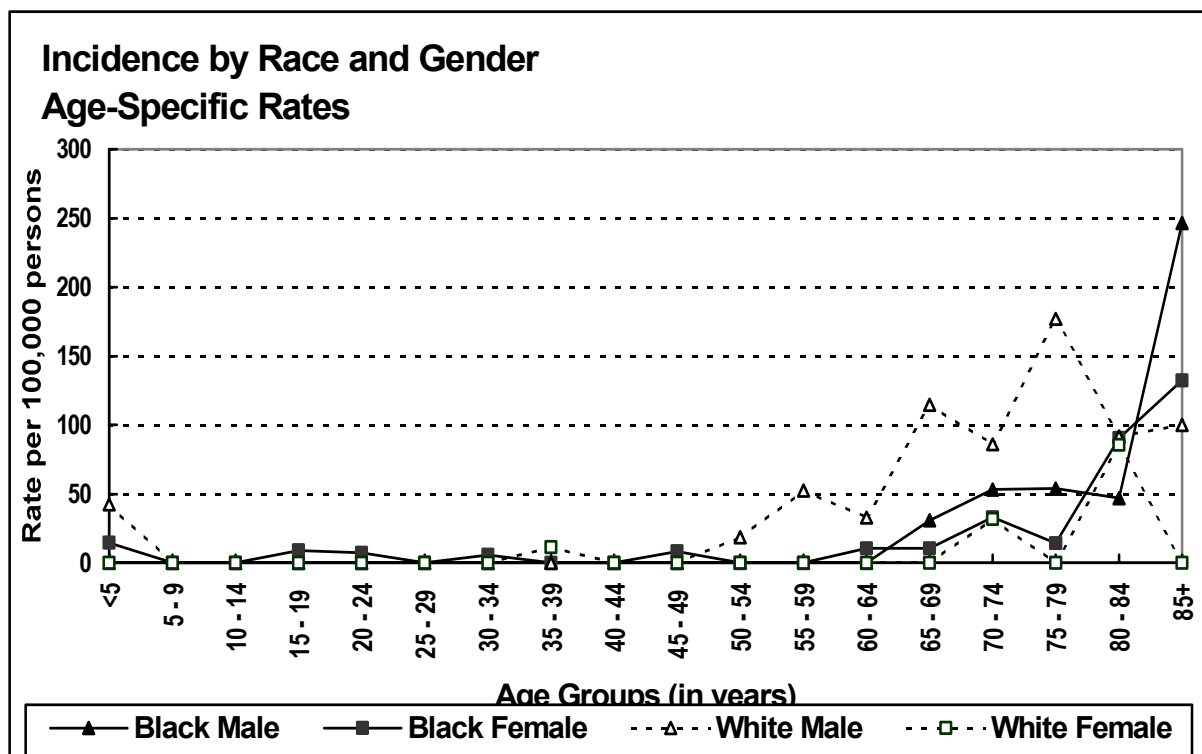
## Special Notes

95% confidence interval on the age-adjusted total incidence rate: 4.1 (2.6 - 5.7)  
Mean age-adjusted incidence rate across wards: 4.2  
Median age-adjusted incidence rate of wards: 4.1  
Range of age-adjusted incidence rates for wards: 7.5 (1.3 Ward 2 < 8.8 Ward 5)

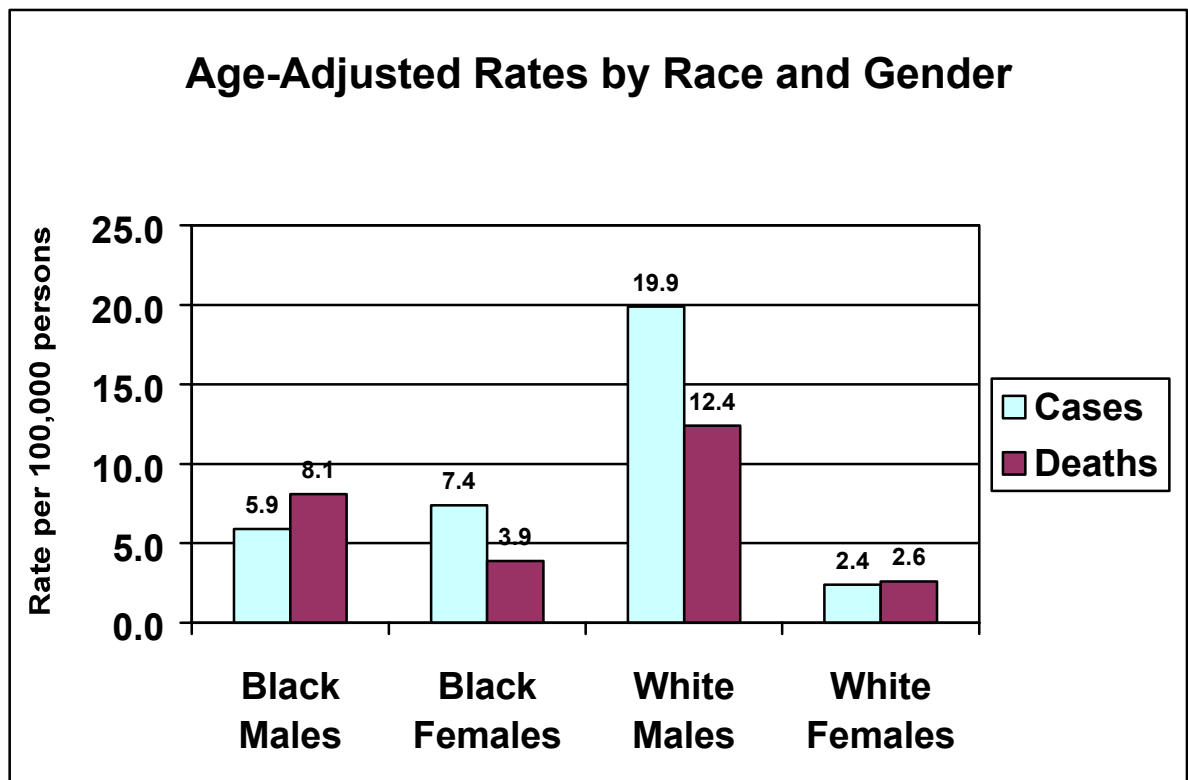
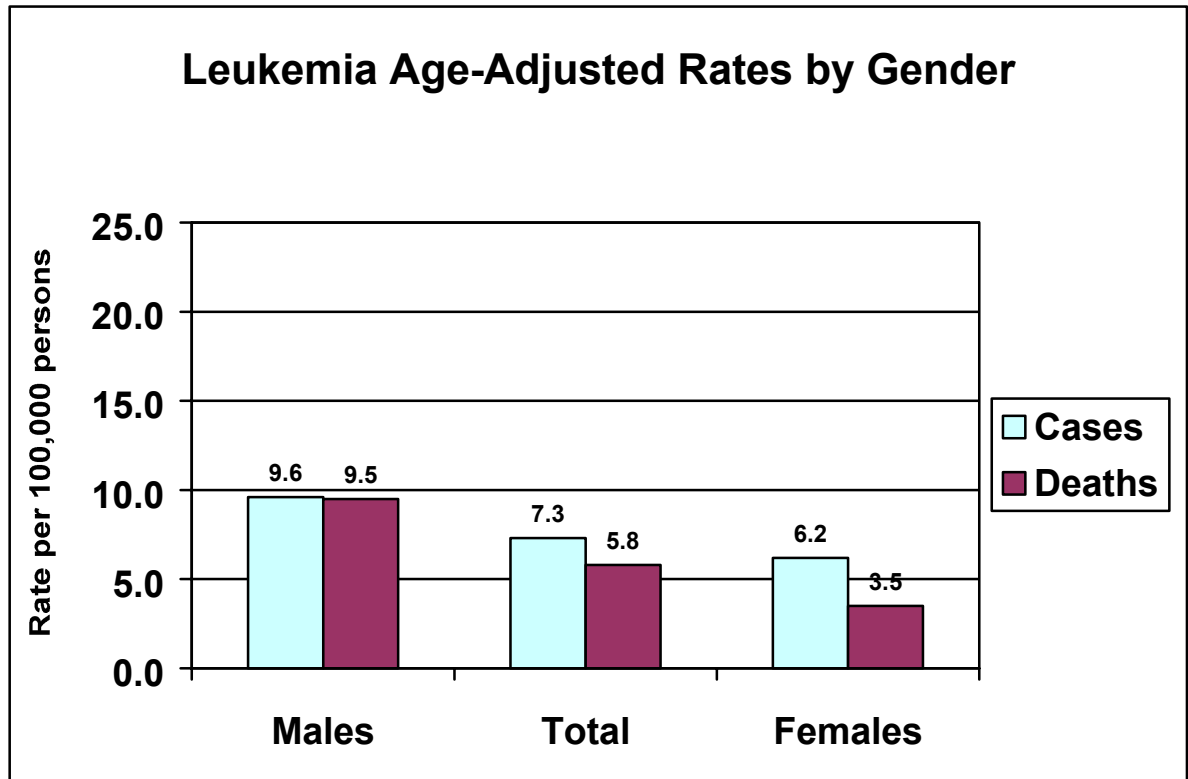
*Generally all leukemia is diagnosed at the distant stage. White males overall had the highest age-adjusted mortality rate.*

\*Socio-economic Status

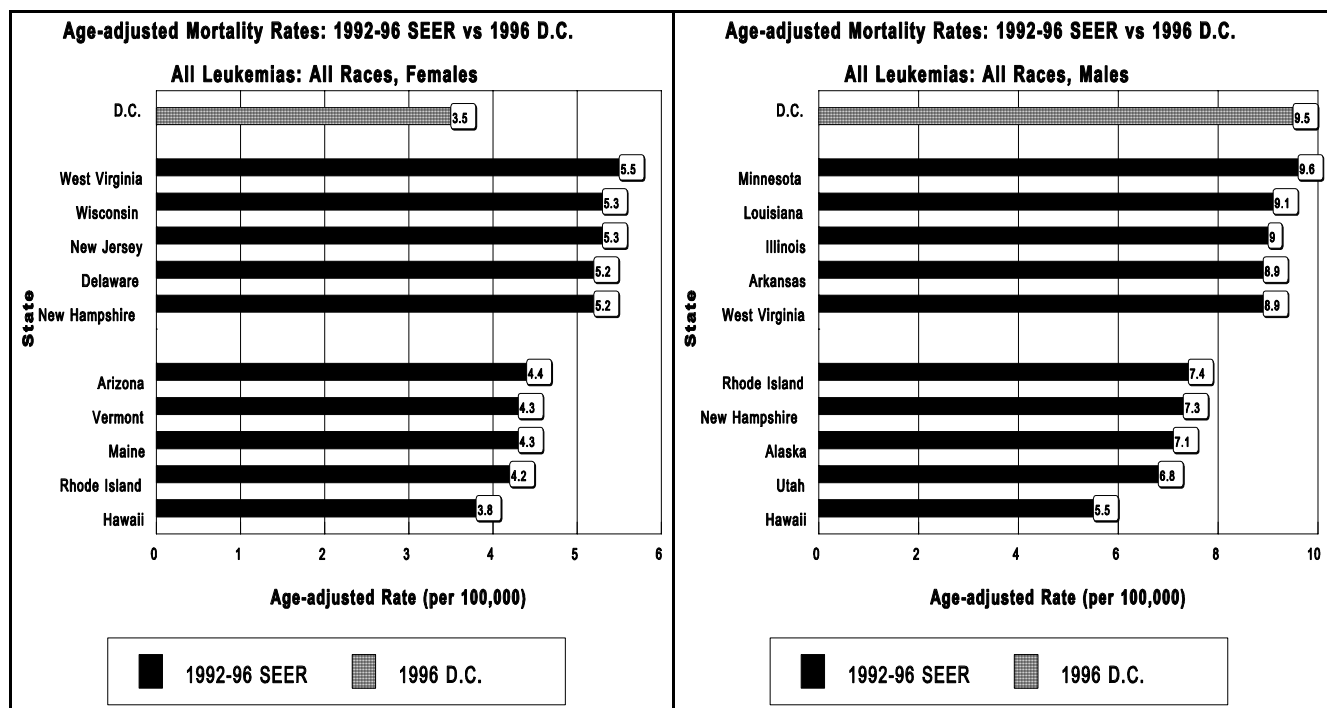
**Fig.46: Age-Specific Incidence and Mortality Rates by Race and Gender Leukemia**



**Fig. 47: 1996 Age-Adjusted Incidence and Mortality Rates for the District of Columbia - Leukemia**



**Figure 48: Comparison of the 1996 D.C. Cancer Incidence and Mortality Rates With the Highest 5 and Lowest 5 SEER (1992-96) Mortality and NAACCR (1991-95) ‡ Cancer Incidence Rates**



‡ Data on D.C. between 1991-1995 were not available to NAACCR for publication in April 1999.

